

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Flectronic Version v18 Stylesheet Version v18.0

> Title of Invention

Server and Multiple Sensor System for Monitoring Activity in a Shared Radio Frequency Band

Application Number:

10/717852

Confirmation Number: First Named Applicant:

1708 Neil Diener Attorney Docket Number: Cognio109US

Art Unit:

2681

Search string:

(4839582 or 5608727 or 6084919 or 6418131 or 6385434 or 6229998 or 6351643 or 5093927

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or 6336780 or 6275695 or 6169728 or 6141565 or 5809427 or 5610839 or 5608727 or 5574979 or 6256478 or 6374082 or 6499006 or 6317599 or 6442507 or 6229799 or 5850596 or 6307839

or 5655217 or 5889772 or 6031833 or 5636140 or 6295461 or 5732077 or 5864541 or 5428819 or 6167237 or 6374079 or 5636903 or 6212566

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20020085503 or 20020154614 or 20010008837 or 20020077787 or 20020006799 or

20020111772 or 20030198200 or 20030198304 or 20030224741 or 20040023674 or

20040028003 or 20040028123).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4839582	1989-06-13	Fukaya et al.]	324	77B
1	2	5608727	. 1997-03-04	Perreault et al] —	370	462
	3	6084919	2000-07-04	Kleider et al.	A1	375	285
1	4	6418131	2002-07-09	Snelling et al.	B1	370	337
14	5	6385434	2002-05-07	Chuprun et al.	B1	455	11.1
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4	6	6229998	2001-05-08	Hamdy et al.	B1	455	226.1
4	7	6351643	2002-02-26	Haartsen	B1	455	450
11	8	5093927	1992-03-03	Shanley		455	513
N	9	5142691	1992-08-25	Freeburg		455	63.3
M	10	5355522	1994-10-11	Demange		455	62
N	11	5276908	1994-01-04	Koohgoli et al		455	34.1
17	12	6332076	2001-12-18	Shah et al.		455	423
11	13	6349198	2002-02-19	Carlson et al.	ĺ	455	63.1
7/1	14	5144642	1992-09-01	Weinberg et al.		375	10
W	15	5907812	1999-05-25	Van De Berg		455	461
11	16	5745777	1998-04-28	English et al.	ĺ	375	228
1/1	17	6336780	2002-04-02	Obhan		455	423
'n	18	6275695	2002-08-14	Obhan		455	423
N	19	6169728	2002-01-02	Perreault et al.		370	235
N	20	6141565	2000-10-31	Feuerstein et al.		455	560
U	21	5809427	1998-09-15	Perreault et al.	ĺ	455	513
1/1	22	5610839	1997-03-11	Karolak et al.	ĺ	455	450
11	23	5608727	1997-03-04	Perreault et al.	ĺ	370	462
N	24	5574979	1996-11-12	West		455	63.1
76	25	6256478	2001-07-03	Allen		455	. 63.1
N	26	6374082	2002-04-16	Carlson	ĺ	455	63.1
N,	27	6499006	2002-12-24	Rappaport et al	ĺ	703	20
1/4	28	6317599	2001-11-13	Rappaport et al	Ì	455	446
N	29	6442507	2002-08-27	Skidmore et al	ĺ	702	186
N	30	6229799	2001-05-08	Caillerie et al		370	347
10	. 31	5850596	1998-12-15	Reynolds		455	63.1
11	32	6307839	2001-10-23	Gerszberg et al	Ì	370	235
4	33	5655217	1997-08-05 Lamson	Ì	455	513	
4	34	5889772	1999-03-30	Fischer et al	1	370	346
11	35	6031833	2000-02-29	Fickes et al	Ī	370	349
11	36	5636140	1997-06-03	Lee et al	Ì	370	469
M	37	6295461	2001-09-25	Palmer et al	1	455,	557
M	38	5732077	1998-03-24	Whitehead	Ì	370	349
n	39	5864541	1991-01-26	Abu-Amara et al .	j	370	253
M	40	5428819	1995-06-27	· Wang et al	Ì	455	454
ΔA	41	6167237	2002-12-16	Rapeli	B1	455	63

APP_ID=10717852 Page 2 of 3

1/1/1 42	ll 6374079	2002-04-16	Hsu	B1	455	11.1
42	5636903	1997-12-09	Mahany		395	200.58
44	6212566	2001-04-03	Vanhoof et al	B1	709	230,

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	20030123420	2003-07-03	Sherlock	A1	370	338
2	20020086641	2002-07-04	Howard	A1	455	67.1
3	20020155811	2002-10-24	Prismantas et al	A1	455	226.1
4	20020142744	2002-10-03	Okanoue et al	A1	455	226.1
5	20020177446	2002-11-28	Bugeja et al	A1	455	450
6	20020050012	2003-03-13	Black et al	A1	455	62
7	20020019214	2002-02-14	Brown et al	A1	455	67.11
8	20020085503	2002-07-04	Hulyalkar et al	A1	370	252
9	20020154614	2002-10-24	Jagger et al	A1	375	332
10	20010008837	2001-07-19	Takahashi	A1	455	403.
11	20020077787	2002-06-20	Rappaport et al	A1	702	188
12	20020006799	2002-01-17	Rappaport et al	A1	455	446
13	20020111772	2002-08-15	Skidmore et al	A1	702	186
14	20030198200	2003-10-23	Diener et al	A1	370	329
15	20030198304	2003-10-23	Sugar et al	A1	375	340
16	20030224741	2003-12-04	Sugar et al	A1	455	115.1
17	20040023674	2004-02-05	Miller	A1	455	462
18	20040028003	2004-02-12	Diener et al	A1	370	319
19	20040028123	2004-02-12	Sugar et al	A1	375	224
	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	1 20030123420 2 20020086641 3 20020155811 4 20020142744 5 20020177446 6 20020050012 7 20020019214 8 2002008503 9 20020154614 10 20010008837 11 200200077787 12 20020006799 13 20020111772 14 20030198200 15 20030198200 15 20030198304 16 20030224741 17 20040023674 18 20040028003	1 20030123420 2003-07-03 2 20020086641 2002-07-04 3 20020155811 2002-10-24 4 20020142744 2002-10-03 5 20020177446 2002-11-28 6 20020050012 2003-03-13 7 20020019214 2002-02-14 8 20020085503 2002-07-04 9 20020154614 2002-10-24 10 20010008837 2001-07-19 11 20020077787 2002-06-20 12 2002006799 2002-01-17 13 20020111772 2002-06-17 13 20020111772 2002-08-17 14 20030198200 2003-10-23 15 20030198304 2003-10-23 16 20030224741 2003-10-23 16 200302674 2004-02-05 18 20040028003 2004-02-12	1 20030123420 2003-07-03 Sherlock . 2 20020086641 2002-07-04 Howard . 3 20020155811 2002-10-24 Prismantas et al . 4 20020142744 2002-10-03 Okanoue et al . 5 20020177446 2002-11-28 Bugeja et al . 6 20020050012 2003-03-13 Black et al . 7 20020019214 2002-02-14 Brown et al . 8 20020085503 2002-07-04 Hulyalkar et al . 9 20020154614 2002-10-24 Jagger et al . 10 20010008837 2001-07-19 Takahashi . 11 20020077787 2002-06-20 Rappaport et al . 12 20020006799 2002-01-17 Rappaport et al . 13 20020111772 2002-08-15 Skidmore et al . 14 20030198200 2003-10-23 Dlener et al . 15 20030198304 2003-10-23 Sugar et al . 16 20030224741 2003-12-04 Sugar et al . 17 20040023674 2004-02-05 Miller .	Cite.No. Pub. No. Date Special Special A1 1 20030123420 2003-07-03 Shertlock A1 2 20020086641 2002-07-04 Howard A1 3 20020155811 2002-10-24 Prismantas et al A1 4 20020142744 2002-10-03 Okanoue et al A1 5 20020177446 2002-11-28 Bugeja et al A1 6 20020050012 2003-03-31 Black et al A1 7 20020019214 2002-02-14 Brown et al A1 8 2002005503 2002-07-04 Hulyalkar et al A1 10 2001008837 2001-07-19 Takahashi A1 11 20020015787 2002-06-20 Rappaport et al A1 12 200200117772 2002-06-20 Rappaport et al A1 13 20020111772 2002-08-15 Skidmore et al A1 14 20030198200 2003-10-23 Dlener et al A1 <tr< td=""><td>Cite.No. Pub. No. Date Appendix 1 20030123420 2003-07-03 Sherlock A1 370 2 20020086641 2002-07-04 Howard A1 455 3 20020155811 2002-10-24 Prismantas et al A1 455 4 20020142744 2002-10-03 Okanoue et al A1 455 5 20020177446 2002-11-28 Bugeja et al A1 455 6 20020050012 2003-03-13 Black et al A1 455 7 20020019214 2002-00-14 Brown et al A1 455 8 20020085503 2002-07-04 Hulyalkar et al A1 370 9 20020154614 2002-10-24 Jagger et al A1 375 10 200100837 2001-07-19 Takahashi A1 455 11 200200077787 2002-06-20 Rappaport et al A1 455 13 20020111772 2002-08-15 Skid</td></tr<>	Cite.No. Pub. No. Date Appendix 1 20030123420 2003-07-03 Sherlock A1 370 2 20020086641 2002-07-04 Howard A1 455 3 20020155811 2002-10-24 Prismantas et al A1 455 4 20020142744 2002-10-03 Okanoue et al A1 455 5 20020177446 2002-11-28 Bugeja et al A1 455 6 20020050012 2003-03-13 Black et al A1 455 7 20020019214 2002-00-14 Brown et al A1 455 8 20020085503 2002-07-04 Hulyalkar et al A1 370 9 20020154614 2002-10-24 Jagger et al A1 375 10 200100837 2001-07-19 Takahashi A1 455 11 200200077787 2002-06-20 Rappaport et al A1 455 13 20020111772 2002-08-15 Skid

Signature

Examiner Name	Date
WILLIAM CURMING	6/8/06

FORM PTO-1449 (Modified)



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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

SERIAL NO.: APPLICANT(S): Cognio109US 10/717,852 Diener et al. GROUP ART UNIT: 2681
FILING DATE: November 19, 2003
TODAY'S DATE: March 14, 2004

FOREIGN PATENT DOCUMENTS

Examiner	Document Number	Date	Country	Class/Subclass	Translation (Yes or No)
Initial AA	JP 2000-022712	01/21/2000	Japan		Yes, Partial

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner	Author, Title, Date, Pertinent Pages, Etc
Initial	
7.	Monks et al, "A Power Controlled Multiple Access Protocol for
// BA	land a non-three Matteriarie / 2001 IEEE INIOCOM 2001 DO HONGIN GOTTER
10	Wadaman Pharchagan "Performance Evaluation of Algorithms for
Wвв.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11.	
$\mathcal{N}_{\mathrm{BC}}$	le ville Mimologe Metworks," 1997, 1555 Intocom. De manife.
	Howitt et al., "Coexistence in the 2.4 GHz ISM Band," unknown
BD	121 12 12 12 12 12 12 1
	Cisco, "New Product: CiscoWorks Wireless LAN Solution Engine
BE	
-1/	Joe McGarvey, "Wi-Fi Moves Into Management Stage," July 19, 2002.
$N_{\rm BF}$	
	Wildpackets Inc., "A Wildpackets Academy Tutorial; AiroPeek and
1.1	Wireless Security: Identifying and Locating Rogue Access Tolkes,
$/\nu_{UBG}$	
	Satapathy et al., "Etiquette Modification for Unlicensed Spectrum:
11	I approach and Impact 1." May 1998, Proceedings of the IBBE vehicular [
$\mathcal{N}_{\!\scriptscriptstyle\mathrm{BH}}$	
/11	Dewayne Hendricks, "Is there Part 15 Congestion: Fait 11,
M_{1}	
	FCC, "Report: Second Meeting of FCC Technological Advisory Council
∕∕//BJ	
11	FCC, "Report: First Meeting of FCC Technological Advisory Council
// BK	II," August 26, 2001.
-/-/	Stamatelos et al., "Spectral Efficiency and Optimal Base Placement
111	for Indoor Wireless Networks," May, 1996, IEEE Souther on Berson
$/UU_{\rm BL}$	Areas in Communications.

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COGNIO, INC. 101 ORCHARD RIDGE DRIVE, SUITE 350 GAITHERSBURG, MARYLAND 20878

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: SERIAL NO.: APPLICANT(S):	Cognio109US 10/717,852 Diener et al.	GROUP ART UNIT: 2681 FILING DATE: November 19, 2003 TODAY'S DATE: March 14, 2004
APPLICANT (3).	Dienes	

Aegis Systems Limited, "Excerpt from Regis Systems Limited: Chapter C Technical Factors Affecting Spectrum Management," Du Pha, "Spectrum Management Policy Options," 1998, IEEE Communications Surveys, Vol. 1, No. 1. Zafar Maecod, "Interference Characterization in Unlicensed National Information Infrastructure (U-NII) Band, "unknown publication date. Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. And New York December 1997. BR Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Measy M. C. Stalp Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBY Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No New Badds," October 12, 1998, IEEE ICSN '98: Seventh International Conference On Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRa William Conference Mitigation, "January 18, Use Rule Evolution, and Interference Mitigation," January 18,		
Chapter C Technical Factors Affecting Spectrum analogument publication date unknown. Jon Peha, "Spectrum Management Policy Options," 1998, IEEE Communications Surveys, Vol. 1, No. 1. Zafar Maseod, "Interference Characterization in Unlicensed-National Information Infrastructure (U-NII) Band, "unknown publication date. Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An NeteEDU, "Wireless Campus Working Group: Position Paper on Wildle Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technologal Performance Issues," unknown publication date. BET Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No MeasTh C.) STAD Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No New Bands, "October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRAEl Yang et al., "On the Use of Unicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		Systems Limited "Except from Aggis Systems Limited:
Description of the unknown. Jon Peha, "Spectrum Management Policy Options," 1998, IEEE Communications Surveys, Vol. 1, No. 1. Zafar Massod, "Interference Characterization in Unlicensed-National Information Infrastructure (U-NII) Band, "unknown-publication date. Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi* (802.11b) and Bluetooth*: An Examination of Coexistence Approaches," 2001. And Massiff Usral) BR Radio Prequency Interference Approaches," 2001. And Massiff Usral) BR Radio Prequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. And Massignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBY Tracking Unauthorized 802.11 Cards and Access Foints," 2002, No. 10. MBY Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRael Yang et al., "On the Use of Unicensed Frequency Spectrum, Wise Rule Evolution, and Interference Mitigation," January 18,		Aegis Systems Dimited, Exetors Affecting Spectrum Management,"
Jon Peha, "Spectrum Management Policy Options," 1996, 1850 Communications Surveys, Vol. 1, No. 1. Zafar Mascod, "interference Characterization in Unlicensed Demonstration in Information infrastructure (U-NII) Band, "unknown publication date. Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi* (802.11b) and Bluetooth*: An Examination of Coexistence Approaches," 2001. And March Ustral Bander Communication Systems with Local Centralization," April, 2002, "Wireless Campus Working Group: Position Paper on Wildle Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002. BBN Technologies wireless Data Traffic," May 22, 2002. BBN Technology Forum. BS BS Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002. BBN Technology Forum. BC Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. MBU Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. MBU Sicardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. In Commons, "March 15, 15 march 15, 15 march 16, 1		Chapter C Technical Factors Affecting Special
Communications Surveys, Vol. 1, No. 1. Zafar Maseod, "Interference Characterization in Unlicensed National Information Infrastructure (U-NII) Band, "unknown publication date." Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology." Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. And Meanth Ustral) Retebbl, "Wireless Campus Working Group: Position Paper on Wilhn Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memoradum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Powayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Meanth Clark, "March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBN Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Wester Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICHAEL Yang et al., "On the Use of Unicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	——BM	publication date unknown.
Communications Surveys, Vol. 1, No. 1. Zafar Maseod, "Interference Characterization in Unlicensed National Information Infrastructure (U-NII) Band, "unknown publication date." Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology." Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. And Meanth Ustral) Retebbl, "Wireless Campus Working Group: Position Paper on Wilhn Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memoradum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Powayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Meanth Clark, "March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBN Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Wester Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICHAEL Yang et al., "On the Use of Unicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	1.0	Jon Peha, "Spectrum Management Policy Options, 1990, 1999
Bo National Information Infrastructure (U-NII) Band, "unknown publication date."	\mathscr{N}_{BN}	Gammaniantiana Surveys VOL. L. NO. I.
BO National Information infrastructure (U-NII) band, diskind publication date. Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. And Mobilian Corporation. Wish Readior Frequency Interference Issues," unknown publication date. BR Radior Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Mossify C.) STAD Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Dissease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Mossibacies and Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRAE 14 and Interference Mitigation," January 18, Wise Rule Evolution, and Interference Mitigation," January 18,		- C Wind - Constant Character Zation III Unitediacu
Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": A Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Allie Wi-Fi (802.11b) and Bluetooth": A Mobilian Corporation, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Wi-Bu		National Information Infrastructure (U-NII) Band, "unknown
Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. And March Ustral Banding Cooperation, "Wireless Campus Working Group: Position Paper on Wild Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002. BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. BBT Realize New Traffic," October 1, 2002, CDG Technology Forum. Poewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. MBV Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. In Commons, " Movember 20, 2001 (Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBW Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Wester Search, "October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. MCA MCA MCA MCA Wichael Yang et al., "On the Use of Unicensed Frequency Spectrum, Wisse Rule Evolution, and Interference Mitigation," January 18, Michael Yang et al., "On the Use of Unicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		
Wireless Indoor Communication Systems with Royal Institute of April, 2000, Dissertation submitted to the Royal Institute of Technology. Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. And Measth Usrad Examination of Coexistence Approaches," 2001. And Measth Usrad Baration of Coexistence Approaches," 2001. And Measth Usrad Baration of Coexistence Approaches, "2001. And Measth Usrad Baration of Coexistence Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. BT Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Measth C.) STAD Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblerer's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Measth Paradox Conference on Computers. MCA Bay Graces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. MCA Bay Graces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. MCA Bay Graces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. MCA Bay Conference on Computers. MCA Bay Conference on Compute		No. of - weeps and Implementation Aspects Of
April, 2000, Dissertation submitted to the koyal Interference of Technology. Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. Law Measth Using December 2011. The Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth": An Examination of Coexistence Approaches," 2001. Law Measth Using December 2012. The Mobilian Corporation of Coexistence Approaches," 2001. The Measth Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 MBB Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. MBU Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. Law Measth Using Straip Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBX Tracking Unauthorized 802.11 Cards and Access Points," 2002, No. 10. MBX Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1938, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRAEl Yang et al., "On the Use of Unicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		Stefan Pettersson, relightion Systems with Local Centralization,"
Technology: Mobilian Corporation, "Wi-Fi* (802.11b) and Bluetooth*: An Mobilian Corporation, "Wi-Fi* (802.11b) and Bluetooth*: An Mobilian Corporation, "Wi-Fi* (802.11b) and Bluetooth*: An Mobilian Corporation, "Realize New Frequency Interference Foreign to Analyze Wireless Data Traffic," May 22, 2002. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002. BBN Technologies Data Traffic," May 22, 2002. BBN Technology Forum. Realize New Traffic," October 1, 2002. CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Mobilian Commons, "Sistributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. May		Wireless Indoor Communication Systems at the Poyal Institute of
Mobilian Corporation, "Wi-Fi" (802.115) and Baldecont Minus Book Examination of Coexistence Approaches," 2001. Law Many LUSTED Reamination of Coexistence Approaches," 2001. Law Many Brand Readio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. BET Realize New Traffic," October 1, 2002, CDG Technology Forum. Realize New Traffic," October 1, 2002, CDG Technology Forum. Realize New Traffic," October 1, 2002, CDG Technology Forum. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. Law Many Many Company (Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBY Tracking Unauthorized 802.11 Cards and Access Points," 2002, No No. 10. MBY Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICHAEL Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	1.0	April, 2000, Dissertation submitted to the Royal Indicate
Mobilian Corporation, "Wi-Fi" (802.115) and Balecont Minus Examination of Coexistence Approaches," 2001. ANTEL USTRD Examination of Coexistence Approaches," 2001. ANTEL USTRD BR Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. BET Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. Antennal Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBY Tracking Unauthorized 802.11 Cards and Access Points," 2002, No No. 10. MBY Tracking Unauthorized 802.11 Cards and Access Points," 2002, No No. 10. MBY Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICHAEL Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	M BP	Technology:
BQ Examination of Coexistence Approaches, 2001. Rst with Neter Div. "Wireless Campus Working Group: Position Paper on Wild Br Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. BET Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. MBU Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. Not May 1578 D. Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBX No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No May 100 Conference on Computers. MCA Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		Mobilian Corporation, "Wi-Fi" (802.11b) and Bluetooth An
Net@EDU, "Wireless Campus Working Group: To Sitton Tope of the Radio Frequency Interference Issues," unknown publication date. BR Radio Frequency Interference Issues," unknown publication date. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Memory Congestion?, "June 28, 2000, PCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Memory Congestion?, "March 30, 2001, GWU ECE Colloquium. Was Wireless Networks, "Stratum of the Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Was Wireless Paradox, and Access Points," 2002. No Wester Stratum of the Wireless Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. Was Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers.	M _{BO}	
BR Radio Frequency Interference 188185, mixing page 1887, mixing page 1888. BBN Technologies, "Using Signal Processing to Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321 ISCO International, "Interference Solutions: Improve Performance Realize New Traffic," October 1, 2002, CDG Technology Forum. BBT Reanize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Mossific Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBX No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No No. 10. MBX Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICHAEL Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		Campue Working Grain Position I appli on with
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ISCO International, "Interference Solutions: Improved Forum. Realize New Traffic," October 1, 2002, CDG Technology Forum. Dewayne Hendricks, "Is there Part 15 Congestion?," June 28, 2000, FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. Lowers The United States of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBX Tracking Unauthorized 802.11 Cards and Access Points," 2002, No. 10. MBX Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICHAEL Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	100-	
Dewayne Hendricks, "Is there fait to Congective Planning of FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Monay W. J. STORD Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBY Tracking Unauthorized 802.11 Cards and Access Points," 2002. No. 10. Redrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRA 14 yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	/U BS	Data Trailie, May 22, 2007 Solutions: Improve Performance
Dewayne Hendricks, "Is there fait to Congective Planning of FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Monay W. J. STORD Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBY Tracking Unauthorized 802.11 Cards and Access Points," 2002. No. 10. Redrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICRA 14 yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	-1	ISCO International, interletence Sold CDC Tachnology Forum.
Dewayne Hendricks, "Is there fait to Congective Planning of FCC TAC. Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Monay M. (1) STORED. Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBX Tracking Unauthorized 802.11 Cards and Access Points," 2002. No. 10. Redrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. MICA 14 Sang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	BT	Realize New Traffic, "October 1, 2002, Constitution 2" June 28, 2000,
Ricardo Rodrigues et al., "On the Design and Capacity Planning of a Wireless Network," 2000, IEEE. No Mossif W. 1978 D. Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Max Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Moss Bands, "October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	1. 1	Dewayne Hendricks, "Is there Part 15 Congestion:, June 25, 1911,
BW a Wireless Network, "2000, IEEE. La Messay Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No No. 10. Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	/ C _{BU}	FCC TAC.
BW a Wireless Network, "2000, IEEE. La Messay Charles Jackson, "Distributed Channel Assignment: The Tragedy of the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No No. 10. Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		Ricardo Rodriques et al., "On the Design and Capacity Flamming of
Charles Jackson, "Distributed Channel Assignment. Integral the Commons, Oblers's Paradox, and Mad Cow Disease," March 30, 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Wester Dysons Monthly Rept, Vol 19, No. 10. Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	/// BV	
the Commons, Oblers's Paradox, and Mad Cow Disease, March 307 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No No. Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		
BW 2001, GWU ECE Colloquium. Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No No. Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		the Commons, Oblers's Paradox, and Mad Cow Disease," March 30,
Kevin Werbach, "Open Spectrum: The Paradise of the Committee, November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10. MBY Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Was Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	// pr	
November 20, 2001, Release 1.0, Ester bysons Holler, No. 10. No. 10. Interlink Networks, "A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points," 2002. No Way Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	DW	the Paradise of the Commons,
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Tracking Unauthorized 802.11 Cards and Access Foliates, 2002. No. 10 Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	/BX	Practical Approach to Identifying and
Rodrigo Garces, "An Access Eliquete for "y House and Sands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	ul	Interlink Networks, A Fidelical application to Technique 2002.
Rodrigo Garces, "An Access Eliquete for "y House and Sands," October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	BY	Tracking Unauthorized 802.11 Cards and Access Former Wireless
Bands, "October 12, 1998, IEEE ICSN '98: Seventh International Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		Rodrigo Garces, "An Access Etiquette for very-wide Historiational
(BZ Conference on Computers. K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,	11	Bands, "October 12, 1998, IEEE ICSN '98: Seventh International
K. Konston, "In Fulsitt of A Milder of the Carlot of the C	$\sim \nu_{\rm Bz}$	
CA 18, 2002, Spectrum Management Working Group FCC-1AC, pgs 11. Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18,		Transit of A Wireless Bill of Rights, September
Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum," Use Rule Evolution, and Interference Mitigation," January 18,	MCA	
/// Use Rule Evolution, and Interference Mitigation, Canada, 15,		"On the Use of Unlicensed Flequency Spectrum,
CB 2001, Adaptive Broadband.	1.1	Use Rule Evolution, and Interference Mitigation, January 18,
W- CB ZVVI, Adaptive broadband.	//Mcr	2001 Adaptive Broadband.
	CB CB	2001, Adaptive Broadband.

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LIST OF PATENTS AND FUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: SERIAL NO.: APPLICANT(S):	Cognio109US 10/717,852 Diener et al.	GROUP ART UNIT: 2681 FILING DATE: November 19, 2003 TODAY'S DATE: March 14, 2004
---	--	--

	Jon M. Peha, "Wireless Communications and Coexistence for Smart					
1.1	Jon M. Pena, Wileless communications.					
//cc	Environments," October 2000, IEEE Personal Communications.					
	"Spectrum Sharing Without Bicenses.					
	Opportunities and Dangers," 1996, Proceedings of the					
11	Opportunities and bangers, property Conference 12 Marth USTED					
M_{CD}	Opportunities and Dangers," 1996, Proceedings of the Month Usrao Telecommunications Policy Research Conference. Lo Month Usrao					
1.	Wireless Data Networks, "July 2001, IEEE Journal on Selected Areas					
-///	Wireless Data Networks, July 2001,					
$/\mathcal{U}_{CE}$	of Communications, Vol. 19, No. 7.					
3 //1	Durya F. Satabath Paris Co. " September 2000, IEEE Wireless					
· /	Unlicensed Fixed Power Devices," September 2000, IEEE Wireless					
CF						
	PCT Search Report from PCT application No. PCT/US03/13563 filed					
// //	PCI Seaton Report 220m					
$-N^{q^{\mathbf{c}}}$	April 22, 2003.					

WILLIAM CUMMING

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

Server and Multiple Sensor System for Monitoring Activity in a Shared Frequency Band

Application Number:

10/717852

Confirmation Number: 1708 First Named Applicant: Attorney Docket Number: Cognio109US

Neil Diener

Art Unit:

2681

Search string:

(6629151 or 6226680).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
To	1	6629151	2003-09-30	Bahl	B1	709	250
		6226680	2001-05-01	Boucher et al.	B1	709	230

Signature

Examiner Name	Date
WHILE LIMES CHARMANING	Nune 8, 2006
DOIMARY FYAMINER	

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ist of patents and publications for applicant's information disclosure statement

SERIAL NO.: APPLICANT(S): Cognio109US 10/717,852 Diener et al GROUP ART UNIT: 2681

FILING DATE: November 19, 2003 TODAY'S DATE: May 21,

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date		52557, 225	Translation (Yes or No)
100 BA	WO 03/028313 A2	April 3, 2003	PCT	H04L 12/56	
P.P.					

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LIST OF PATERTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMEN

SERIAL NO .: APPLICANT(S):

ATTY. DOCKET NO .: Cognio109US 10/717,852 Diener et al GROUP ART UNIT: 2681

FILING DATE: November

U.S. PATENT DOCUMENTS

*Examiner Initial	<u>Number</u>	Publication or Issue Date	Filing Date (if relevant)	Name	Class/Subclass
1/	5,930,733	07/27/1999	03/25/1997	Park et al.	702/76
//AA	2003/0021237	01/30/2003	06/07/2002	Min et al.	370/252
AB	2003/0050070	03/13/2003	03/14/2002	Mashinsky et al	455/452
A/AC	6,131,013	10/10/2000	01/30/1998	Bergstrom et al.	455/63
N AD	6,584,175 B1	06/24/2003	11/12/1999	Kibria et al.	379/1.03

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ļ	*Examiner	Author, Title, Date, Pertinent Pages, Etc	
		PCT Swarch Report in International application number	1
		PCT/US03/36866. Wy data	
			١.

PRIMARY EXAMINE MITTHEN CONTINUE

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